VETERANS MILLENNIUM HEALTH CARE AND BENEFITS ACT

LONG TERM CARE (LTC) COPAYMENT PHASE 2

INSTALLATION GUIDE

Patch EAS*1*7

May 2002

Department of Veterans Affairs
VISTA System Design & Development

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Introduction

Overview

The Veterans Millennium Health Care and Benefits Act, Public Law 106-117, Sec. 101, mandates the application of copayments for veterans receiving Long Term Care (LTC) services. The LTC Copayment software is designed to work in conjunction with software currently in place for determining veteran medical and pharmacy copayment obligations and benefit eligibility based on military history, service-connected disabilities, and financial input.

Phase 1 introduced the following LTC Copayment functionality:
- Allowed users to enter, edit, store and print financial information given by the veteran on VA Form 10-10EC, Application for Extended Care Services.
- Allowed users to designate a veteran who is exempt from the LTC copayments and the reason for the exemption.
- Used the financial information entered from VA Form 10-10EC, automatically calculates and displays or prints an estimate of the LTC copayments that the veteran will be obligated to pay for the next twelve months.
- Provided Integrated Billing with a veteran's copayment amount via an API.

Phase 2 provides the following additional functionality:
- Automates eligibility exemptions
- LTC Copayment Exemption Test menu and options
- Spend-down of assets for copayment calculations

Purpose

The purpose of this installation guide is to provide instructions for use by technical staff members who will be installing the LTC Copayment software.

Related Manuals

The following related manuals are also being released with the LTC Copayment Phase 2:

File Name	Manual Name	Description
EAS_1_P7_RN.PDF	LTC Copayment Phase 2 Release Notes	Provides a high-level overview of enhancements and modifications
EAS_1_P7_UM.PDF	LTC Copayment User Manual	Provides instructions for using the LTC Copayment user menus and options
EAS_1_P7_TM.PDF	LTC Copayment Technical Manual	Provides technical information for technical staff that are responsible for implementing and maintaining the LTC Copayment Software.
IVM_2_P49_TM.PDF	Update to IVM V. 2.0 Technical Manual	Update to HL7 ZMT segment in IVM V. 2.0 Technical Manual (revised IVM V. 2.0 Technical Manual will be available from download the V*IST*A Documentation Library at http://vista.med.va.gov/vdl/#App44).

Preinstallation Considerations

Important Notice about the Regulation Effective Date

The effective date of the federal regulation governing Copayments for Extended Care Services is JUNE 17, 2002. This software may be installed before the effective date, but the LTC Copayments menu options should not made available to users until JUNE 17, 2002.

Other Software Versions Required

The following **V**IST**A** package versions or higher must be installed prior to installing the LTC Copayment software:

Package Name	Minimum Version Required
Income Verification Match (IVM)	2.0
Kernel	8.0
VA FileMan	22.0
VIST**A** HL7	1.6
Patient Information Management System (PIMS)	5.3

Sequence of Patch Installations

The software for Patch EAS*1*7 and associated patches DG*5.3*433 and IVM*2*49 is being distributed in a host file.

Patch EAS*1*7 introduces enhancements to the **V**IST**A** Enrollment Application System to support the Millennium Healthcare and Benefit Act, Public Law 106-117 Section 101. This law defines the application of copayments for veterans receiving Long Term Care (LTC) services. This patch is one of several patches required to implement the complete functionality. The following table lists the necessary patches in the order they should be installed:

Install 1st (HEC)	Install 2nd (VAMC)	Install 3rd (HEC)	Install 4th (VAMC)
IVMB*2*626	EAS*1*7 DG*5.3*433 IVM*2*49	IVMB*2*627	IVM*2*51

NOTE: To ensure that the patches are installed in the correct order, Patch EAS*1*7 will not be released until after IVMB*2*626 is installed at the HEC.

Important Preinstallation Notes

- Patch EAS*1*5 must be installed before installing EAS*1*7.
- This patch can be loaded with users on the system. Installation will take less than 5 minutes.
- This patch should NOT be installed while the IVM BACKGROUND JOB [IVM BACKGROUND JOB] is running.

Routine Summary

The following is a list of the EAS routine(s) exported with LTC Copayment Phase 2. The second line of each of these routine(s) will look like:

```
<tab>;;1.0;ENROLLMENT APPLICATION SYSTEM;**[patch list]**;Mar 15, 2001
```

Routine Name	Before Patch	After Patch	Patch List
EAS1P7	N/A	806041	7
EASEC100	13240163	13740226	5,7
EASEC102	13918264	14022749	5,7
EASEC103	12011159	11923179	5,7
EASECA	5944542	5340220	5,7
EASECCAL	2062731	3288586	5,7
EASECDD	13368660	13870191	5,7
EASECDP1	3474132	3469543	5,7
EASECDP2	8330685	8250018	5,7
EASECDP4	6604567	6585430	5,7
EASECDPH	6163829	6130893	5,7
EASECE	4400596	4990722	5,7
EASECMT	N/A	7461285	7
EASECPC	12035133	12219508	5,7
EASECPC1	N/A	1899497	7
EASECSC	2424352	2421528	5,7
EASECSC1	15927659	18183075	5,7
EASECSC5	5745101	5212071	5,7
EASECSC6	4795854	3843070	5,7
EASECSCC	9008052	11063798	5,7
EASECSCU	3844071	3837036	5,7
EASECSU3	2956752	2956713	5,7
EASECU	1454151	2109166	5,7
EASECU23	5244512	5242602	5,7
EASECV	6516956	5700502	5,7

The following is a list of the DG routine(s) exported with LTC Copayment Phase 2. The second line of each of these routine(s) will look like:

```
<tab>;;5.3;Registration;**[patch list]**;Aug 13, 1993
```

Routine Name	Before Patch	After Patch	Patch List
DGMTA	13287185	13027237	33,45,137,166,177,182,290,344,332,433
DGMTAUD	3673560	3569130	33,45,182,433
DGMTAUD1	1675037	1942724	33,166,182,254,300,433
DGMTAUD2	8205720	8806294	45,166,182,300,433
DGMTDEL	10035642	14047313	33,45,182,344,407,433
DGMTDEL1	3805549	6378850	45,166,182,433
DGMTE	8267760	9940466	33,45,182,344,332,433
DGMTR1	8459841	9043040	182,344,433
DGMTSC	3892041	4596339	182,327,372,433
DGMTSCC	13324939	14083995	33,45,130,438,332,433
DGMTSCU2	3950789	4051922	45,130,433
DGMTU	15163098	15298997	4,33,182,277,290,374,358,420,426,411,332,433
DGMTU3	2410829	3824147	33,45,137,182,300,433

The following is a list of the IVM routine(s) exported with LTC Copayment Phase 2. The second line of each of these routine(s) will look like:

```
<tab>;;2.0;INCOME VERIFICATION MATCH;**[patch list]**;21-OCT-94
```

Routine Name	Before Patch	After Patch	Patch List
IVMCM	13690131	14021628	12,17,28,41,44,53,34,49
IVMCM1	4473724	6386950	17,49
IVMCM5	5701436	5765441	17,49
IVMCM6	14436242	16707132	17,25,39,44,50,53,49
IVMCMB	6469216	6724271	17,49
IVMCMC	7108191	7396969	17,34,49
IVMCMD	6512460	7306362	17,33,49
IVMCME	4116599	4197356	17,49
IVMCME2	5628435	5611707	17,49
IVMCME4	8066992	8230557	17,49
IVMCME5	12140941	12318459	17,26,38,49
IVMCZMT	12988198	13292541	17,53,49
IVMPLOG	4878760	4920747	9,19,12,21,17,28,36,40,49
IVMPMTE	3452772	3511834	1,9,17,39,49
IVMPTRN9	8045654	9104406	9,11,19,12,21,17,46,50,53,34,49

Assignment of User Options

Patch EAS*1*7 does not attach user options to any specific menus. The LTC Copayment options will need to be assigned to the users who will be entering LTC data at your facility.

Installation Instructions

1. Download the KIDS file EAS_1_P7.KID from the ANONYMOUS.SOFTWARE directory of either Albany, Hines, or the Salt Lake CIOFO to the appropriate directory on your system.

2. Use the "LOAD A DISTRIBUTION" option on the KIDS INSTALLATION menu, and enter: **EAS_1_P7.KID**

3. Review your mapped set. If any of the routines listed in the ROUTINE SUMMARY section of patches EAS*1*7, DG*5.3*433, or IVM*2*49 are mapped, they should be removed from the mapped set at this time.

4. From the Kernel Installation & Distribution System menu, select the Installation menu.

5. From this menu, you may elect to use the following options (when prompted for INSTALL NAME, enter **EAS*1.0*7**).

   a. Backup a Transport Global - This option will create a backup message of any routines exported with the patch. It will NOT backup any other changes such as DDs or templates.

   b. Compare Transport Global to Current System - This option will allow you to view all changes that will be made when the patch is installed. It compares all components of the patch (routines, DDs, templates, etc.).

   c. Verify Checksums in Transport Global - This option will allow you to ensure the integrity of the routines that are in the transport global.

   d. Print Transport Global - This option will allow you to view the components of the KIDS build.

6. Use the Install Package(s) option and select **EAS*1.0*7**.

7. The install will ask if you wish to rebuild menu trees. It is recommended that you answer **NO** to this prompt. The trees will be rebuilt the next time the system does this task.

8. When prompted "Want KIDS to INHIBIT Logon's during the install? YES//", it is recommended you answer **NO**.

9. When prompted "Want to DISABLE Scheduled Options, Menu Options, and Protocols?
    YES//", respond **YES**. When prompted to select the options you would like to place out of
    order, enter the following:

    ```
    DG MEANS TEST ADD                  Add a New Means Test
    DG MEANS TEST AUDIT                Means Test Audit Event
    DG MEANS TEST COMPLETE             Complete a Required Means Test
    DG MEANS TEST DELETE               Delete a Means Test
    DG MEANS TEST EDIT                 Edit an Existing Means Test
    DG MEANS TEST VIEW EDITING         View Means Test Editing Activity
    DG MEANS TEST VIEW TEST            View a Past Means Test
    IVM BACKGROUND JOB                 IVM BACKGROUND JOB
    ```

10. If routines were unmapped as part of Step 3, they should be returned to the mapped set once
    the installation has run to completion.

Sample Installation

The following is a copy of the screen dialog displayed when Patch EAS*1*7 was installed in a
test account. User responses are shown in **bold** type.

```
<TEST ACCOUNT> Select Installation Option: LOAD a Distribution
Enter a Host File: EAS_1_P7.KID;1

KIDS Distribution saved on May 06, 2002@16:17:55
Comment: LTC COPAYMENT PHASE II

This Distribution contains Transport Globals for the following Package(s):
Build EAS*1.0*7 has been loaded before, here is when:
                  was loaded on May 07, 2002@06:38:33
OK to continue with Load? NO// YES

Build DG*5.3*433 has been loaded before, here is when:
     DG*5.3*433   Install Completed
                  was loaded on May 07, 2002@06:38:35
OK to continue with Load? NO// YES

Build IVM*2.0*49 has been loaded before, here is when:
                  was loaded on May 07, 2002@06:38:37
OK to continue with Load? NO// YES

Distribution OK!

Want to Continue with Load? YES// YES
Loading Distribution...

   EAS*1.0*7
   DG*5.3*433
   IVM*2.0*49
Use INSTALL NAME: EAS*1.0*7 to install this Distribution.


 <TEST ACCOUNT> Select Installation Option: Install Package(s)
Select INSTALL NAME: EAS*1.0*7      Loaded from Distribution  5/7/02@06:54:44
     => LTC COPAYMENT PHASE II  ;Created on May 06, 2002@16:17:55

This Distribution was loaded on May 07, 2002@06:54:44 with header of
   LTC COPAYMENT PHASE II  ;Created on May 06, 2002@16:17:55
   It consisted of the following Install(s):
     EAS*1.0*7     DG*5.3*433     IVM*2.0*49
Checking Install for Package EAS*1.0*7

Install Questions for EAS*1.0*7


Want KIDS to Rebuild Menu Trees Upon Completion of Install? YES// NO

Checking Install for Package DG*5.3*433

Install Questions for DG*5.3*433
```

Incoming Files:

    408.21   INDIVIDUAL ANNUAL INCOME   (Partial Definition)
Note: You already have the 'INDIVIDUAL ANNUAL INCOME' File.

    408.31   ANNUAL MEANS TEST   (Partial Definition)
Note: You already have the 'ANNUAL MEANS TEST' File.

    408.32   MEANS TEST STATUS   (including data)
Note: You already have the 'MEANS TEST STATUS' File.
I will MERGE your data with mine.

    408.33   TYPE OF TEST   (including data)
Note: You already have the 'TYPE OF TEST' File.
I will MERGE your data with mine.

Checking Install for Package IVM*2.0*49

Install Questions for IVM*2.0*49

Incoming Files:

    301.5   IVM PATIENT   (Partial Definition)
Note: You already have the 'IVM PATIENT' File.

Want KIDS to INHIBIT LOGONs during the install? YES// **NO**
Want to DISABLE Scheduled Options, Menu Options, and Protocols? YES// **NO**

Enter the Device you want to print the Install messages.
You can queue the install by enter a 'Q' at the device prompt.
Enter a '^' to abort the install.

DEVICE: HOME// **<ENTER>** VIRTUAL CONNECTION

 Install Started for EAS*1.0*7 :
               May 07, 2002@06:55:06

Build Distribution Date: May 06, 2002

 Installing Routines:
               May 07, 2002@06:55:06

 Installing PACKAGE COMPONENTS:

 Installing INPUT TEMPLATE

 Installing OPTION
               May 07, 2002@06:55:06

 Running Post-Install Routine: POST^EAS1P7
*** Updating LTC COPAY EXEMPTION (File #714.1) ***
  - Modifying entry #2
  - Adding entry #12

 Updating Routine file...

```
 Updating KIDS files...

 EAS*1.0*7 Installed.
               May 07, 2002@06:55:07

 Install Message sent #53661

 Install Started for DG*5.3*433 :
               May 07, 2002@06:55:07

Build Distribution Date: May 06, 2002

 Installing Routines:
               May 07, 2002@06:55:07

 Installing Data Dictionaries:
               May 07, 2002@06:55:08

 Installing Data:
               May 07, 2002@06:55:08

 Installing PACKAGE COMPONENTS:

 Installing INPUT TEMPLATE
               May 07, 2002@06:55:08

 Updating Routine file...

 The following Routines were created during this install:
     DGMTXX1
     DGMTXX11
     DGMTXX12
     DGMTXX3
     DGMTXX31
     DGMTXX32
     DGMTXC
     DGMTXC1
     DGMTXC2
     DGMTXC3

 Updating KIDS files...

 DG*5.3*433 Installed.
               May 07, 2002@06:55:08

 Install Message sent #53663

 Install Started for IVM*2.0*49 :
                              IVM*2.0*49
_____
               May 07, 2002@06:55:11

Build Distribution Date: May 06, 2002

 Installing Routines:
               May 07, 2002@06:55:12

 Installing Data Dictionaries:
               May 07, 2002@06:55:12

 Updating Routine file...
```
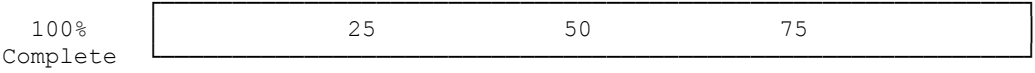
```
 Updating KIDS files...

 IVM*2.0*49 Installed.
              May 07, 2002@06:55:12

 Install Message sent #53664
```
───

```
   100%                 25            50           75
Complete  |                                                    |
          |----------------------------------------------------|


Install Completed
```